

Designing For Life

To engage the children we will:

- Design our own sustainable towns using architectural design software.
- Take part in a workshop where we will use Lego to design and build a model town.

What the children will learn to do during the topic:

- To investigate key inventions over time and how they have affected humanity
- To use architectural design software to design a built environment.
- To plan and carry out scientific investigations to understand how forces work
- To research and understand the impact of the discoveries of significant scientists
- To create and print their own designs influenced by William Morris
- To plan and research to write a newspaper report about famous inventors

What the children will know by the end of the topic:

- The key inventions and inventors, and discoveries and scientists that have helped shape the world
- Scientific vocabulary for forces at play in the world around us
- The role of forces in everyday life and beyond
- How to use software to design exterior architecture
- How materials are recycled or reused
- The concept of 'peace'
- How to recognise positive and negative relationships
- How to use the designs of William Morris to inspire their own art work
- The features of a newspaper report

The memorable experience at the end of the topic will be:

Lego Model Town – The children will be given the raw materials to design and build a town out of Lego, including roads, railways and structures.

To support your child's learning in this topic you could:

- Visit the Design Museum, the Royal Observatory and the Science Museum.
- Research significant inventions that have influenced lifestyles, e.g. household objects, fashion, transport and technology.
- Discuss different forces and the solar system.

Home learning will be sent home on a Thursday. In addition to this, please ensure that your child reads at home every day and practices their times tables.

Please use Bug Club as it is fun and interactive!

PE Lessons

5A (Ms Akitoye):
Swimming on
Tuesday

5D (Mr Davis):
Swimming on
Tuesday